Application
(e.g., database, 3D Navigator, Game)

OS File System

Cache driver

Portion of Cache
pinned for
application
memory
requests

Portion of Cache
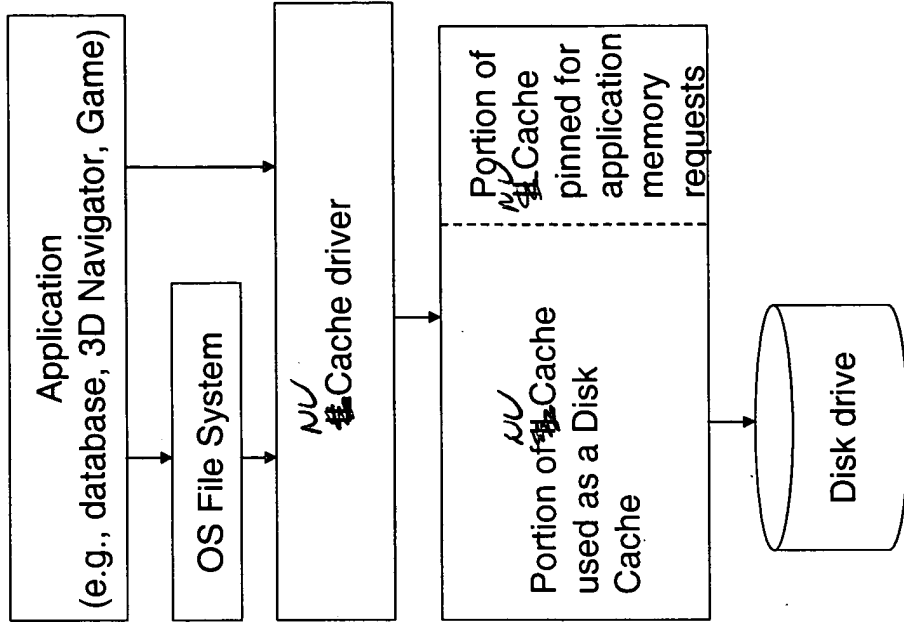used as a Disk
Cache

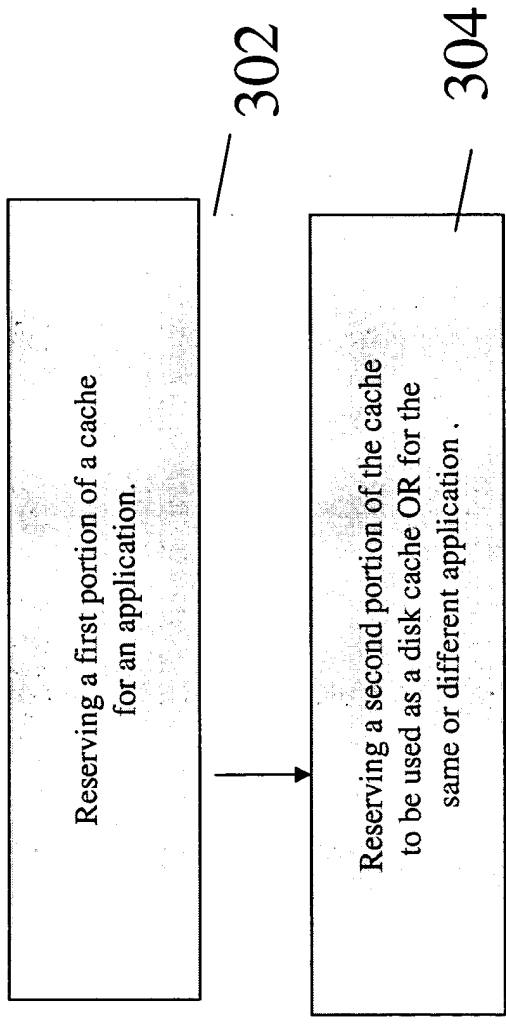Disk drive

Figure 2

CPU

Main Memory

Cache

Data store,
e.g. disk drive

Figure 1

Attorney Docket Intel.P16741

302

304

Reserving a first portion of a cache
for an application.

Reserving a second portion of the cache
to be used as a disk cache OR for the
same or different application .

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Figure 3

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